

JOHNSON et al. -- 09/855,903
Client/Matter: 011765-0302034

IN THE SPECIFICATION:

Page 14, delete the whole paragraph starting in line 20 and replace it with the following new paragraph:

7. If there is a request in this cycle as determined by the input to port 20, and the weight value has been decremented to produce a non-zero result as determined by OR gate 18, then the reset condition for this request has been met. This product function is provided by AND gate 19.

Page 15, delete the whole paragraph starting in line 4 and replace it with the following new paragraph:

Figure 6 shows how the NOR gate 28 of Fig. 5 controls 32 masking elements (including the masking element 40), associated respectively with 32 ingress ports labelled ingress (0) to ingress (31). The 32 masking elements produce respective outputs which are passed to the round robin 43 of an egress port. In the case of Fig. 6 this is the egress port called egress port (0). The reset of the masking elements in the case that the output of the NOR gate 28 is zero occurs since in this case, and in this case only, the output of [[max]] multiplexor 17 is the value in table 15 rather than the output of the decrementer 16.